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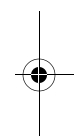
△ **CAUTION** Text set off in this manner indicates that failure to follow directions could result in damage to equipment or loss of information.

HP iPAQ Product Information Guide
First Edition (February 2006)



NOTE Use of dial-up and wireless Internet, e-mail, corporate networks, and other wireless communications, such as Bluetooth-enabled devices, might require separately purchased additional hardware and other compatible equipment, in addition to a standard Wi-Fi infrastructure and a separately purchased service contract. Check with your service provider for availability and coverage in your area. Not all Web content may be available. Some Web content may require installation of additional software.

When you see a ¹ in this document, it refers to the above note.



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English

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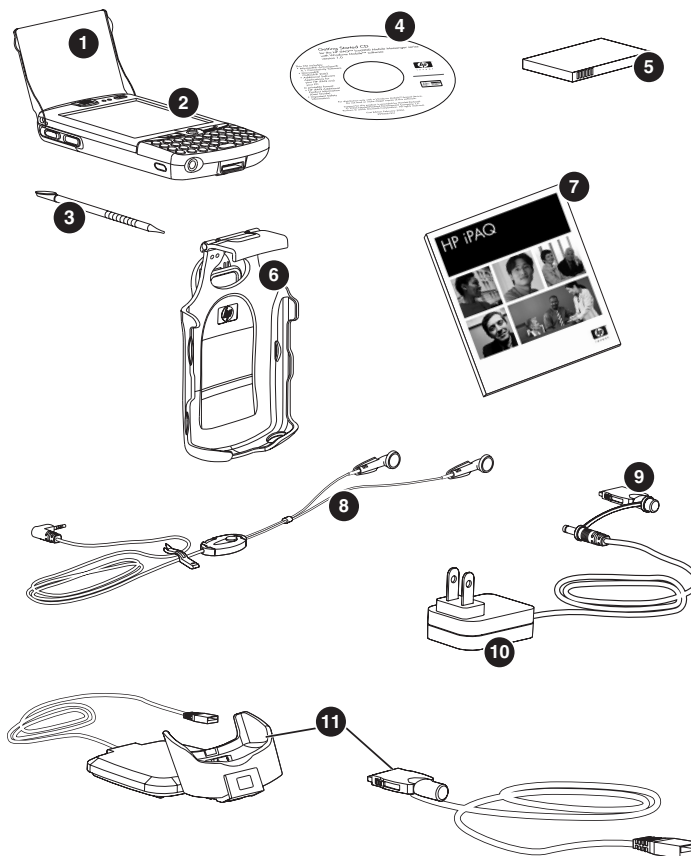
Frequently Asked Questions

How Do I...	Find information here...
Install Microsoft ActiveSync and create an ActiveSync partnership?	Synchronization, page 20
Troubleshoot ActiveSync?	Troubleshooting Tips for ActiveSync, page 22
Locate the product ID and serial number for my HP iPAQ?	Finding the Product Number and Serial Number, page 13
Set up an E-mail Account?	Setting up E-mail Accounts, pages 29 and 30
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Take a photo?	Taking a Photo, page 43
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Conserve battery power?	Battery Saving Tips, page 19
Protect my HP iPAQ from screen damage and cracking?	Protecting the HP iPAQ Screen from Cracking or Damage, page 47

English

Box Contents

This illustration depicts the items that come in the box with your HP iPAQ. Use this illustration to become more familiar with your new device.



Box Contents

- ❶ Removable flip cover
- ❷ HP iPAQ
- ❸ Stylus
- ❹ *Getting Started* CD with special software
- ❺ Standard lithium-ion removable/rechargeable battery
- ❻ Belt holster
- ❼ HP iPAQ Product Information Guide
- ❽ Wired earbud headphones
- ❾ Charger adapter
- ❿ AC adapter
- ⓫ USB desktop synchronization cradle or cable

Contents of The *Getting Started* CD

The *Getting Started* CD includes:

- Microsoft ActiveSync 4.1 or later
- Microsoft Outlook 2002
- *Additional Product Information*
- *Important Safety Information*
- Additional software for your HP iPAQ and your personal computer

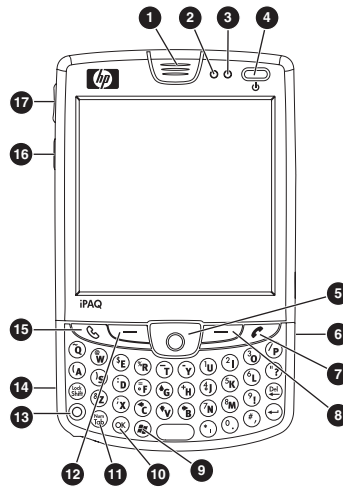
All software and documents are designed to be installed on your personal computer to enable you to use your HP iPAQ to its full potential.

NOTE All current Microsoft operating systems are supported by ActiveSync 4.1, except Windows 98SE and Windows ME.

Finding More Information

For information on . . .	See this source . . .
Using your HP iPAQ	<i>Additional Product Information</i> on the <i>Getting Started</i> CD.
Connecting to and synchronizing with a computer	ActiveSync Help on your computer. To view Help , start ActiveSync , then click Help > Microsoft ActiveSync Help .
Troubleshooting on ActiveSync connections	ActiveSync Troubleshooting on your computer. From ActiveSync , click Help > Microsoft ActiveSync Help > Troubleshooting .
Programs that are on your HP iPAQ	<i>Getting Started</i> CD and Help located on the HP iPAQ. From the Start menu, tap Help .
Additional programs that can be installed on your HP iPAQ	<i>Getting Started</i> CD or www.microsoft.com/mobile/pocketpc/downloads .
Safety precautions	<i>Important Safety Information</i> on the <i>Getting Started</i> CD.
Web sites optimized for your HP iPAQ	www.hp.com/go/ipaqmobile
Accessory products	www.hp.com/accessories/ipaq

Front Panel Components



HINT Be sure to lift the flip cover on your HP iPAQ before you start tapping the screen.

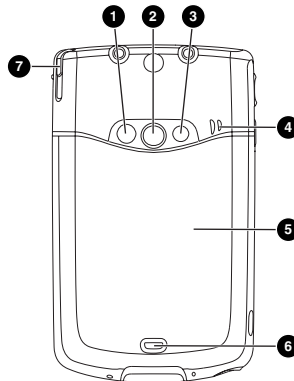
Component	Function
① Handset Phone Speaker	Listen to phone calls.
② Charging/Notification LED indicator	<ul style="list-style-type: none"> Flashing Green—your HP iPAQ is in a mobile phone coverage area. Flashing Amber—an event notification on your HP iPAQ. Solid Amber—the device is charging. Solid Green—the device is fully charged. Flashing Red—the battery is critically low and needs recharging immediately.
③ Bluetooth/Wi-Fi LED indicator	<ul style="list-style-type: none"> Flashing Blue—Bluetooth or Wi-Fi is on. LED off—Bluetooth and Wi-Fi are off.

Component	Function (continued)
④ Power button	<ul style="list-style-type: none"> • Turn unit on and off. • Press and hold to: <ul style="list-style-type: none"> - activate a pop-up menu listing many helpful functions. - turn on your HP iPAQ after you have replaced the battery.
⑤ 5-Way Navigation button	<ul style="list-style-type: none"> • Select an item by quickly pressing the button and releasing. • Activate a drop-down context menu by pressing the button and holding for at least half a second. • Scroll up/down/left/right by pressing the button and moving the button in the direction you want to scroll. Release the button to stop the scrolling action. • Use as a Camera Shutter button when the camera is turned on.
⑥ Mini-SD expansion slot	Insert a Mini-SD (Secure Digital) expansion card for data storage.
⑦ End Call button	<ul style="list-style-type: none"> • Press to end a phone call. • Press and hold to end an active GPRS/EDGE connection.
⑧ Right softkey	Press to launch Messaging (from the Today screen). (Softkeys that are associated with a specific program appear at the bottom of the screen. All softkeys perform actions, bring up menus, or launch programs by tapping on the screen.)
⑨ Start Menu key	Press to display the Start menu.
⑩ OK button	Press to minimize the open application or page.
⑪ Num Tab	<ul style="list-style-type: none"> • Press to insert a tab. • Press function key then Num Tab to lock the keyboard symbols and numbers on.
⑫ Left softkey	Press to launch Contacts (from the Today screen). (Softkeys that are associated with a specific program appear at the bottom of the screen. All softkeys perform actions, bring up menus, or launch programs by tapping on the screen.)

Component	Function (continued)
13 Function Key	Operates in conjunction with the Black symbols on the upper left of the keyboard keys to type symbols or to use the numeric keypad.
14 Infrared (IR)	Transfer data between IR-enabled devices (without using a cable connector).
15 Answer/Send button	<ul style="list-style-type: none"> Press to answer or send a call, launch the phone keypad. Press and hold to activate the speakerphone function while on a phone call.
16 Digital Camera button (built-in camera models only)	<ul style="list-style-type: none"> Press this Camera Shutter button or tap the Shutter button on the screen to capture the photo. Press and hold to launch the Voice Record notes (by default).
17 Volume Up/Down slider	Move the slider up to increase volume and down to decrease volume.

NOTE Not all models or features are available in all regions.

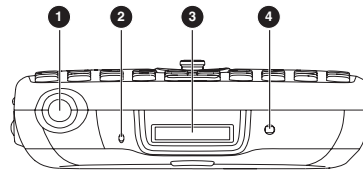
Back Panel Components



Component	Function
❶ Camera LED light	Tap the LED icon on the camera screen to toggle the camera light on or off for taking close-up photos in dim lighting.
❷ HP Digital Camera lens NOTE: Camera functions are included only on certain models.	With the camera turned on, frame the subject on your HP iPAQ screen.
❸ Mirror	Use for centering your own image for a self-photograph.
❹ Speaker	<ul style="list-style-type: none"> • Speakerphone • Device speaker for sounds and notifications
❺ Battery cover	Press and slide down the cover.
❻ Battery cover latch	Press the latch to release the battery cover.
❼ Stylus	Use to input information: <ul style="list-style-type: none"> • Slide up to remove the stylus. • Slide down to replace the stylus.

NOTE Not all models and features are available in all regions.

Bottom Panel Components

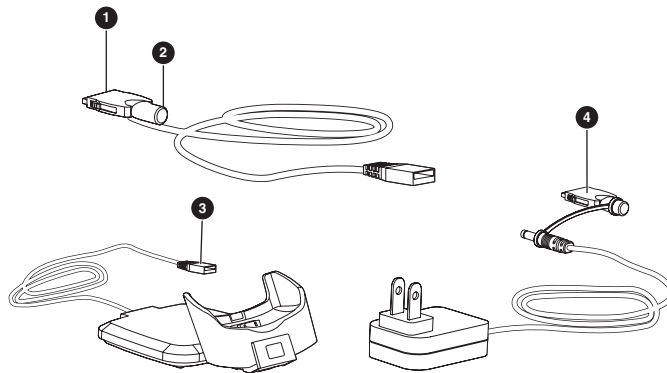


Component	Function
❶ Earbud connector	Plug the earbud into this connector for a private phone conversation or to listen to music.
❷ Microphone	Speak into microphone for phone conversations or to record notes.

Component	Function
③ Charging/communications port	Connects to HP desktop cradle, AC adapter, and USB synchronization cable.
④ Reset button	Press the stylus into the Reset button until the device restarts.

HP Desktop Cradle and Cable

The HP iPAQ connects to the HP desktop cradle for charging and/or synchronizing. It serves also as a recommended home for your HP iPAQ when it is not in use. (The HP desktop cradle is not included with all models.)



Component	Function
① USB Connector	Plugs into your personal computer to enable synchronization with the HP iPAQ.
② 22-Pin Connector	Converts the Barrel Connector (on the AC adapter) to a 22-Pin Connector so the HP iPAQ can be charged directly.
③ Charger adapter	Plugs into your HP iPAQ to enable charging and/or synchronization.
④ Barrel Connector Port	Plug the Barrel Connector on the AC adapter into this port to enable charging while you sync your HP iPAQ.

Setting Up Your HP iPAQ

Use the following steps to quickly set up your HP iPAQ and connect it to your personal computer. The illustrations in the previous sections display the specific location of the HP iPAQ components.

Step 1: Remove the Battery Cover and Slide In the SIM

1. On the back of the HP iPAQ, press the battery cover latch.
2. With your thumb, slide the battery cover down and away from the device.

NOTE If the battery is already installed, remove it before inserting the SIM card. The SIM card is provided by the mobile phone service provider. The SIM card may already be preinstalled in your HP iPAQ.

3. Align the notched corner on the card with the notched corner in the SIM slot.
4. With the metal contacts facing down, slide the SIM card horizontally into the SIM slot. Push it in until it stops.

Step 2: Install the Battery and Replace the Battery Cover

1. Align the battery connectors on the battery with the housing pins in the battery compartment and insert the battery.

NOTE Be sure the pull tab is exposed so the battery can be easily removed.

2. Slide the battery cover on until it clicks into place.

Step 3: Charge the battery

△ **CAUTION** To avoid damaging your HP iPAQ or the AC adapter, be sure all connectors are properly aligned before connecting.

The battery provides power for your HP iPAQ to operate. Your HP iPAQ came with either a USB synchronization cable or a USB synchronization cradle/charger, which you must use to charge the device.

It takes about four hours to fully charge the battery.

If you have a USB synchronization cable:

1. Insert one end of the AC adapter into the port on the bottom of the USB synchronization cable connector.
2. Connect the other end of the AC adapter to an electrical outlet.
3. Connect the USB synchronization cable to the charging/communications port on your HP iPAQ. The cable connector only fits one way, so do not force it. If the connector does not insert easily, turn it over.

If you have a USB synchronization cradle/charger:

1. Connect one end of the AC adapter to the cradle.
2. Connect the other end of the AC adapter to an electrical outlet.
3. With the front of the HP iPAQ facing the same direction as the front of the cradle, align the charging/communications port on the HP iPAQ with the connector in the cradle and slide the bottom of the HP iPAQ into the cradle.

IMPORTANT Whenever a replacement battery is inserted into your HP iPAQ, press and hold the **Power** button for at least two seconds or attach an AC adapter to turn on your device.

Step 4: Insert the *Getting Started* CD into your computer

Use the *Getting Started* CD to complete the setup of your HP iPAQ and to synchronize the HP iPAQ with your personal computer.

Insert the *Getting Started* CD into the CD drive of your personal computer. The **HP Install Wizard** automatically opens, and the application starts to run.

IMPORTANT Do you have administrative rights on your personal computer? If not, you may have problems installing the applications from the *Getting Started* CD. Your administrator will need to install the applications.

Step 5: Follow the on-screen instructions on your personal computer

The **HP Install Wizard** installs:

- Microsoft Outlook 2002
- Microsoft ActiveSync
- Other optional software applications

Microsoft ActiveSync

Connect your HP iPAQ when instructed.

If you have a USB synchronization cable:

1. Connect the USB connector on the synchronization cable to a USB port on your personal computer.
2. Connect the USB synchronization cable to the charging/communications port on the bottom of your HP iPAQ. The connector only fits one way so do not force it. If the connector does not insert easily, turn it over.

If you have a USB synchronization cradle/charger:

1. Connect the USB connector on the cradle to a USB port on your personal computer.
2. With the front of the HP iPAQ facing the same direction as the front of the cradle, align the charging/communications port on the HP iPAQ with the connector in the cradle and slide the bottom of the HP iPAQ into the cradle.

When instructed, check the items you want to synchronize between your HP iPAQ and your personal computer. Do one or both of the following:

- Select the check box for any items you want to synchronize. If you cannot select a check box, you may have to clear the check box for the same information type elsewhere in the list.
- Clear the check box for any items you want to stop synchronizing.

To change available synchronization settings, select the type of information and tap **Settings**.

IMPORTANT Does your company use a Microsoft Exchange server? If not, during setup, uncheck the box marked **Synchronize directly with a server running Microsoft Exchange Server. To do this now, you will need to have the server address and your logon credentials** in order to sync to your personal computer.

After completing the ActiveSync installation, return to the **HP Install Wizard** for more software programs and additional product and setup information.

Step 6: Set up your HP iPAQ

When you turn on your HP iPAQ for the first time, you are provided instructions to help you set up your device. Use the stylus to enter information. The stylus is located on the right, back side of the device as you look at the screen. (See the product component illustrations for the location of the stylus.)

Changing Your Password

1. Tap **Start > Settings > Lock > Password** tab.
2. Enter your current password.
3. In the Password box, enter your new password.
4. On the **Hint** tab, enter a phrase that helps you remember your password, but does not allow others to guess your password.
The hint is displayed after the incorrect password is entered four consecutive times.
5. When prompted, tap **OK**.

For more details about passwords, refer to *Additional Product Information* located on the *Getting Started* CD.

Finding the Serial Number and Model Number

Locate the Serial and Model numbers before contacting HP Customer Support, particularly if you are calling for in-warranty support.

View the Serial Number and Model ID by tapping **Start > HP Help And Support > Serial and Model Number**.

You can also find this information underneath the battery of your HP iPAQ. To locate the Serial and Model Numbers:

1. Remove the battery cover.
2. Remove the battery from the unit.
3. Locate the label containing the Product ID and Serial Number underneath the battery.

Resetting your HP iPAQ

You might need to perform a soft reset if your HP iPAQ stops responding. The two types of resets are soft and clean.

Performing a Soft Reset

A soft reset stops all running applications, but does not erase any programs or saved data.

NOTE Be sure to close all running applications before performing a soft reset.

To perform a soft reset:

1. Locate the recessed **Reset** button on the bottom of your HP iPAQ.
 2. Use the stylus to lightly press the **Reset** button.
- The HP iPAQ restarts and displays the **Today** screen.

Performing a Clean Reset

A clean reset clears all user-installed settings, programs, and data, and restores your HP iPAQ to factory settings.

To perform a clean reset and return your HP iPAQ to factory settings:

1. Press and hold the **Answer/Send**, **Power**, and **End Call** buttons.
 2. While holding these buttons, use the stylus to lightly press the **Reset** button on the bottom of the HP iPAQ until the device restarts.
 3. When the HP iPAQ restarts, release all of the buttons, and then remove the stylus from the **Reset** button.
- The HP iPAQ restarts and powers on.

Today Screen

The **Today** screen shows appointments, active tasks, and information about e-mail messages. Along the top of the **Today** screen are the connectivity indicators, **Volume** icon, and the clock.

Tap a section of the **Today** screen to open the program that is associated with that section.

Access the **Today** screen by tapping **Start > Today**.

To customize the **Today** screen:

1. Tap **Start > Settings > Today**.
2. On the **Appearance** tab, select the desired theme for the background of the **Today** screen.
3. On the **Items** tab, select the items you want to appear on the **Today** screen.

HINT To change the order of items displayed on the **Today** screen, tap the item, and tap **Move Up** or **Move Down**.

NOTE There are two default softkeys on the bottom of the **Today** screen: **Contacts** and **Messaging**. On the **Today** screen, the **Contacts** softkey is also the **Notification** softkey. Any type of *alert*, such as a meeting reminder is displayed on the **Today** screen as a notification.

HP Profiles


On the **Today** screen, tap the **HP Profiles** icon  to change a current setting. Or, tap the **HP Profiles** link from the **Today** screen to launch the quick access menu to change the current profile.







HP Profiles allows you to create system profiles for alerts, display power, and wireless settings to match your current environment or location. You can set up and name profiles to use at different times and for different functions. For example, you can set a certain ring type or tone to be silent or vibrate when you are in a meeting, or loud when you are outdoors in a crowd.

These predefined profiles have various settings. There are four button icons that allow you to modify settings for Alert, Display, Power, and Wireless.

NOTE If you cannot use a ring tone the file may be protected by Digital Rights Management (DRM). DRM is software that enables secure distribution and prevents illegal distribution of pictures, videos, music, movies, and ring tones over the Internet. For more information on DRM, refer to on-screen Help by tapping **Start > Help** and search on DRM.

iPAQ Wireless






From the **Today** screen, tap the iPAQ Wireless  icon to launch the **iPAQ Wireless** screen. The **iPAQ Wireless** screen provides a control center to turn all wireless activities (Phone, Wi-Fi, and Bluetooth) on and off, and to configure their settings. Or, tap the individual wireless activity buttons on the **Today** screen to turn each one on or off.

















Icon	Status
	Phone is on.
	Phone is off.
	Wi-Fi is on.
	Wi-Fi is off.
	Bluetooth is on.
	Bluetooth is off.





The **iPAQ Wireless** screen has three individual power buttons to turn wireless features on and off—one at a time or all at once. The **All** Tab allows you to access all wireless activities at the same time. The **Phone**, **Wi-Fi**, and **Bluetooth** tabs allow you to access each wireless activity individually. From any of the wireless activities, you can also tap **Menu > VPN Proxy Settings** to configure network connections.

Status Icons

The following status icons are displayed on the Navigation or Command bar. Tap the icon on the HP iPAQ screen to view more information related to the item.

Icon	Status
	Active connection to a wireless network. ¹
	Inactive connection to computer or wireless network.
	Microsoft ActiveSync is synchronizing.
	Speaker is on.
	Speaker is off (or in mute position).

Icon	Status (continued)
	Battery power is low.
	Battery power is very low.
	E-mail, SMS/MMS, or voice messages have been received.
	Instant messages received.
	General Packet Radio Service (GPRS) is registered and available, if you are subscribed to the GPRS technology.
	Active data connection to GPRS network.
	Enhanced Data Rates for Global Evolution (EDGE) is registered and available, if you are subscribed to the EDGE technology.
	Active data connection to EDGE network
	Phone is powered off.
	Phone is powered on.
	Network is searching or unavailable.
	Phone connection unavailable or network error.
	Signal strength indicator for phone functions.
	A missed call. Tap this screen icon to view missed calls.
	Call Forwarding Active.
	Tap to mute your phone conversation. Tap it again to continue the phone conversation.

Icon	Status (continued)
	Message Center indicates messages received from different communication areas such as phone or voice messages, E-mail/SMS/MMS, announcements, etc. Tap this screen icon to view all messages in the message center.
	Event notification set to vibrate instead of alarm. To set to vibrate: Tap the Speaker icon in the Navigation bar and in the pop-up menu, tap Vibrate .
	Network Indicator icon—indicates that one or more networks are present. Tap the icon to access an available networks.
	Connections icon—indicates connection to a wireless network.

Charging the Battery

You can charge the battery on your HP iPAQ by using one of the following:

- AC Adapter
- Optional Automobile Adapter
- HP Desktop Cradle and AC Adapter
- HP Desktop Cradle or USB Cable

Here is one method to charge the battery. The standard AC Adapter works in a standard electrical outlet. You can also charge your HP iPAQ in your automobile with an optional Automobile Adapter that works in your vehicle's electrical cigarette lighter or a 12-volt power outlet.

To purchase an optional Automobile Adapter, visit: www.hp.com/ipaqaccessories/ipaq.

△ **CAUTION** Use only HP recommended AC adapters.

To charge your HP iPAQ using the AC Adapter:

1. Insert the AC Adapter plug into the AC Charger adapter.
2. Plug the AC Adapter into an electrical outlet.
3. Insert the AC Charger adapter into the bottom of the HP iPAQ.

Manually Checking the Battery Charge Level

To manually monitor the battery power:

1. Tap **Start > Settings > System** tab.
2. Tap **Power**.

If the battery charge level is low, connect to AC power. For information on purchasing an optional standard or extended battery, visit

www.hp.com/accessories/ipaq.

To use a shortcut to view your battery charge level, tap the **Battery** icon located in TodayPanel Lite. For more details, refer to *Additional Product Information* located on the *Getting Started* CD.

Battery Saving Tips

The HP iPAQ is as individual as you are. You can adjust the settings on your HP iPAQ to fit your individual needs and to help your battery last as long as possible between charges. Here are some recommendations for how to conserve battery life.

- Sounds & Notifications - Every time you are notified you of an event, battery power is consumed. **Go to Start > Settings > Sounds & Notifications > Notifications** tab and turn off any notification types that are unnecessary.
- Dim the Backlight - Keep the display only as bright as required to view the screen easily. On the **Today** screen, use your stylus to adjust the Backlight Brightness Level slider, under the **Light bulb** icon.
- Auto Turn Off the Backlight - On the **Today** screen, tap the **Light bulb** icon and make sure the first box is checked. Specify a short amount of time to wait before turning off the backlight.
- Auto Turn Off Device - On the **Today** screen, tap the **Battery** icon > **Advanced** tab. Make sure the first box is checked, so the device automatically powers off when not in use. Specify a short amount of time to wait before automatically powering off your HP iPAQ.
- Keep Bluetooth Off - Always turn off the Bluetooth power when you are not using it. On the **Today** screen, tap the Bluetooth button to turn Bluetooth ON and OFF.
- Turn Off IR - Set the device to receive incoming infrared beams manually. On the **Today** screen, tap the **Start > Settings > Connections tab > Beam**, then uncheck the **Receive all incoming beams** box.

- GoodLink e-mail – If you are using GoodLink e-mail, reduce your notifications to only the types of e-mail items and reminders that are most important to you. Tap the red **Good** icon on the **Today** screen or tap **Options > GoodLink Preferences > Notifications**. Use the pull-down menu directly below **Choose notification to modify** to view and modify the notification settings.

HP also offers a variety of accessories to keep your HP iPAQ charged when you are out of the office for extended time periods. These include a vehicle adapter, an extended-life battery, and a battery charger.

For more details about conserving battery life, refer to *Additional Product Information* located on the *Getting Started* CD.

Synchronization

Microsoft ActiveSync software, located on the *Getting Started* CD, allows your HP iPAQ and your personal computer to communicate with each other.

For synchronization to work properly, install Microsoft ActiveSync on your personal computer **before** you connect your HP iPAQ to your computer.

Use Microsoft ActiveSync to:

- Synchronize information between your HP iPAQ and up to two computers or one server so that you have the latest information in all locations.
- Change synchronization settings and the synchronization schedule.
- Copy files between your device and computer.
- Install applications on your HP iPAQ.
- Back up and restore device information.
- Synchronize links.
- Send and receive e-mail.
- Request meetings.

Synchronizing your HP iPAQ with your computer allows you to keep the same information (such as calendar, contacts, and e-mails) on both units, making it available when you work on your computer or when you take your HP iPAQ on the go. There are several ways to synchronize your HP iPAQ with your computer:

- HP Desktop Cradle (not included with all models)
- Autosync cable (not included with all models)
- Wi-Fi
- Bluetooth (not included with all models)
- Infrared

To synchronize your HP iPAQ and your computer using the desktop cradle or an autosync cable:

1. Be sure ActiveSync 4.1 or greater is installed on your computer.
2. Plug the AC Adapter into an electrical outlet and connect the other end of the AC Adapter to the Barrel connector on the desktop cradle or autosync cable.
3. Perform one of the following:
 - Slide the bottom of your HP iPAQ into the desktop cradle and push firmly to seat it.
 - Connect the 22-pin connector on the autosync cable to the universal sync connector on the bottom of your HP iPAQ.

△ **CAUTION** To avoid damaging your HP iPAQ or the AC Adapter, check to be sure all connectors are properly aligned before connecting them.

4. Perform one of the following:
 - Connect the USB cable to your computer.
 - Connect the other end of the autosync cable to your computer.

Synchronization begins automatically.

5. Click **Next** on the **Synchronization Setup Wizard** screen.
6. Perform one of the following:
 - Clear the check box if you do not want to synchronize directly with a Microsoft Exchange server, and then click **Next**.
 - Click **Next** if you want to synchronize directly with a Microsoft Exchange server.

NOTE If you must log onto a server, such as your company's Virtual Private Network (VPN), you may receive a message from ActiveSync telling you it is unable to synchronize. You must first log onto the server for ActiveSync to synchronize.

7. When the **Synchronization Options** screen displays, select the items you want to synchronize between your HP iPAQ and your computer, and then click **Next**.
8. After your items have been synchronized, click **Finish**. The **Synchronization Setup Wizard** starts synchronizing the items you checked.

If ActiveSync does not begin synchronizing, start it manually:

On your personal computer, open ActiveSync by selecting the **Start** menu > **Programs > Microsoft ActiveSync > Sync.**

Troubleshooting Tips for ActiveSync

Following is a list of symptoms that may indicate synchronization issues are occurring:

- No ActiveSync chimes sound (or a gray icon displays), and there is no activity in the ActiveSync window on your personal computer.
- ActiveSync chimes sound, and the ActiveSync icon on your personal computer changes to a swirling green icon. The "retrieving settings" message appears on your personal computer, but the ActiveSync connection drops prior to establishing the partnership.
- ActiveSync is searching for a connection but none occurs. (The green icon on your personal computer continues to spin.)
- Synchronization has been established between your HP iPAQ and personal computer but connection is dropped. (The green icon on your personal computer stops spinning and grays out.)
- Firewall or other network protection software message box is displayed for ActiveSync to access the network or Internet.

Following is a list of troubleshooting tips if you experience difficulty while synchronizing your HP iPAQ and personal computer. Try the following solutions to troubleshoot ActiveSync:

- Confirm that you are running ActiveSync on your personal computer with a supported operating system (OS).
 - To get more information about the supported OS versions, visit: <http://www.microsoft.com/windowsmobile/downloads/as-sysreq41.msp>
 - You can find the latest version of ActiveSync at: <http://www.microsoft.com/windowsmobile/downloads/pocketpc.msp>.
 - If you are using Windows Mobile 2003 or 2002-based devices, continue using Microsoft ActiveSync 3.8.
- During the ActiveSync installation, if you inadvertently left the Microsoft Exchange Server option box checked and are not planning to connect to an Exchange server, follow these steps:
 - Connect your HP iPAQ to your personal computer. Be sure an ActiveSync connection is established.

- On your personal computer, click **Start > All Programs > Microsoft ActiveSync**.
- Click **Tools > Options > Sync Options** tab.
- Uncheck the boxes for the sync items listed under the Server group.
- Place a checkmark in the boxes under the Desktop group for those items you want to synchronize.
- Disconnect your HP iPAQ from your personal computer and wait for the ActiveSync message confirming that your device is no longer connected. Reconnect your HP iPAQ to your personal computer. Wait for about two minutes to see if your HP iPAQ connects to your personal computer.
- On your personal computer, in ActiveSync, select **File > Connection Settings**. Confirm that USB is selected as a potential connection method.
- Connect your HP iPAQ to a different USB port on your personal computer.
- Check your USB synchronization cradle or cable.
 - Consider using another synchronization cradle or cable if one is available to you.
- Try synchronizing via an infrared or a Bluetooth connection. Refer to the printed or CD-based documentation that came with your HP iPAQ for specific instructions.
- Restart your personal computer and perform a soft reset on your HP iPAQ. (A soft reset does not erase any of your settings, programs or data.) Use the stylus to lightly press the **Reset** button. Your HP iPAQ restarts and displays the **Today** screen. Once your personal computer and HP iPAQ restart, reconnect your HP iPAQ to your personal computer.
- Uninstall ActiveSync from your personal computer and then reinstall it. To uninstall ActiveSync from your personal computer, click **Start > Control Panel > Add or Remove Programs > Microsoft ActiveSync**. Then click the **Remove button > Yes**.
- If you are running ActiveSync 4.0 or later and personal firewall software on your personal computer, please add ActiveSync to the firewall program's exception list.

(Firewall software, such as Sygate Personal Firewall, TrendMicro PC-cillin Internet Security 2005, Norton Personal Firewall, McAfee Personal Firewall, or Zone Alarm Security Suite may block synchronization.) Refer to the documentation that came with your firewall program to determine how to add ActiveSync 4.0 or later to the program's exception list. To further troubleshoot a firewall application and enable ActiveSync 4.0 or later, visit: <http://www.microsoft.com/windowsmobile/help/activesync/default.mspx>

- After trying the above solutions without any success in solving your connection problem, perform a hard or clean reset on your HP iPAQ. (A hard or clean reset clears all user-installed settings, programs, and data and restores your HP iPAQ to factory settings. For more details, refer to the printed or CD-based documentation that came with your device.) You can reinstall your applications on your HP iPAQ once the hard or clean reset is complete by using ActiveSync on your personal computer. Once your HP iPAQ is synchronized properly, go to ActiveSync on your personal computer and select **Tools>Add/Remove Programs...** and select any programs you want to reinstall.

For additional information about synchronization problems, visit:

- <http://www.microsoft.com/windowsmobile/help/activesync/default.mspx>
- <http://www.microsoft.com/windowsmobile/default.mspx>

Subscribing to a Mobile Phone Service Provider

Before you can use the phone feature on your HP iPAQ, you must subscribe with a mobile phone service provider.

The following features supported on your HP iPAQ must be activated by your mobile phone service provider:

- Call Forwarding
- CSD—Circuit Switched Data
- GPRS—General Packet Radio Service
- International Dialing
- International Roaming
- Internet Access
- Text Message/MMS—Text Message Service/Multimedia Messaging Service
- Voicemail
- VPN—Virtual Private Network

For more information on these services, contact your mobile phone service provider. If you purchased your HP iPAQ from a mobile phone service provider, phone service may be activated at time of purchase or the mobile service provider may include activation instructions.

If you purchased a prepaid SIM card to use with your HP iPAQ or, if your service provider issued you a SIM card with a preset PIN, the following information is not applicable.


You must call the service provider to activate your mobile phone service. Your carrier may require the following information to activate your service:

- SIM Card Serial Number (printed on the box label or on the back of the SIM card)
- IMEI Number (printed on the HP iPAQ label under the removable battery)

Your mobile phone service representative provides you your wireless phone number and help you set up your service.



Turning on Your Phone Functions

To turn on phone functions:


1. On the **Today** screen, tap **iPAQ Wireless**.
2. Tap the **Phone** tab, and then tap **Status: Off** to activate the phone.
3. Once the phone is on, press the **Answer/Send** button  on the keyboard to access the on-screen phone keypad or to answer or send a call.

Checking Your Connection and Signal Strength

After you insert an active SIM card into your HP iPAQ, your unit connects to your service provider's network.

The  icon indicates that you are connected to your service provider's network. A full strength connection is indicated by the  icon. The number of vertical bars in the icon diminish as the signal strength diminishes. No bars indicate no signal.

Making a Phone Call

1. Press the **Answer/Send** button  on the Thumb keyboard.
2. Enter the phone number of the person you want to call.
3. Tap the on-screen **Talk** button.

Answering a Call

To answer a phone call, press the **Answer/Send** button  or tap **Answer** on the on-screen phone keypad.

When you receive a phone call, you can answer or ignore the call, the phone stops ringing and the caller may be sent to voicemail, depending on your mobile phone service provider. To disregard the call, tap **Ignore** on the on-screen keypad or press the **End** button.

Using Call Waiting

Use Call Waiting to be notified of incoming calls when you are on another call.

To turn on Call Waiting:



1. From the Phone keypad, tap **Menu > Options > Services** tab.
2. Tap **Call Waiting > Get Settings** button.
3. Select **Notify me** option.
4. Tap **OK**.

To use Call Waiting to answer an incoming call during a phone conversation:

1. Tap **Answer** to move the current phone call to **Call Waiting**.
The incoming phone call on **Call Waiting** displays on the screen.
2. Tap the **Answer/Send** button to answer the incoming call or tap **Ignore** on the on-screen keypad if you do not want to answer the call.

Making an Emergency Phone Call

To make an emergency phone call:


1. Press the **Answer/Send** button  on the Thumb keyboard.
2. Enter the emergency phone number for your location.
3. Press the **Answer/Send** button  again to place your call.

NOTE You can make calls to emergency service numbers under any circumstances, even if you have enabled the SIM PIN and/or locked your HP iPAQ.

Making a Call from Contacts

1. From the **Today** screen, tap the **Contacts** softkey or tap **Start > Program > Contacts**.
2. Tap and hold the contact's phone number.
3. Tap **Call Work**, **Call Home**, or **Call Mobile**.

To make a call from an open contact, tap the number you want to call.

When your phone call is finished, tap **End** on the Phone keypad or press the **End Call** button  to end the call.

Making a Call using Speed Dial

1. From the Phone keypad, tap **Speed Dial**.
2. Select the speed dial location number of the desired contact.

You can also press and hold the speed dial location number assigned to a contact directly from the Phone keypad.

To dial a one-digit speed dial number from the Phone keypad, tap and hold a single keypad key.

To dial a two-digit speed dial number from the Phone keypad, tap the first digit, then tap and hold the second digit.

Viewing Call History

To view the Call History, tap **Start > Phone > Menu > Call History**.

To view certain types of phone calls, from the on-screen Phone keypad, tap **Call History > Menu > Filter**.

Dialing the Last Number Dialed

To call the person that you called last, press the **Answer/Send** button  twice.

Different Ways to Access E-mail Messages

When using Messaging, you can send and receive e-mail messages several ways:

- **Synchronize Outlook e-mail with your personal computer**
Tap **Start > Messaging** to use your Outlook e-mail address.
- **Microsoft Exchange 2003**
Exchange enables you to wirelessly synchronize your Inbox, Calendar and Contacts to remotely check your appointments and other information. For more information about Exchange, contact your IT administrator or mobile phone service provider.
- **GoodLink**
GoodLink pushes new e-mail, contacts, calendar, and task items to your HP iPAQ as soon as they are sent to your Exchange account. For more information about GoodLink, contact your IT administrator or mobile phone service provider.
- **Messaging & Security Feature Pack (MSFP) with Microsoft Exchange 2003 Service Pack 2**
Push technology keeps your Outlook Mobile up-to-date by delivering Inbox,

Calendar, Contacts, and Tasks list quickly and directly to your HP iPAQ. For more information about Connect to Mobile Business E-mail using Exchange Server 2003, contact your IT administrator or mobile phone service provider.

- **Internet e-mail messages**

You can use the e-mail address you received from your Internet Service Provider (ISP) or your employer.

- **Pocket MSN**

Tap **Start > Programs > Pocket MSN** to use your Hotmail address and MSN Messenger.

NOTE Some of the messaging applications may vary and are available only in select HP iPAQ models.

Synchronizing with a Server via GSM/GPRS/EDGE

The HP iPAQ offers you a comprehensive set of wireless capabilities to keep you connected in or out of the office. With Global System for Mobile Communications/General Packet Radio Service/Enhanced Data Rates for Global Evolution (GSM/GPRS/EDGE), and Bluetooth integrated into a single HP iPAQ, you have broad coverage offering high-speed access to the Internet, and to business and personal information.

You can obtain a wireless GSM/GPRS/EDGE connection to make a phone call or send or receive e-mail, text message, or Multimedia Messaging Service (MMS) messages.

You must have an account with a mobile telephone service provider that supports GSM/GPRS/EDGE data services and an activated SIM card. The service provider must enable the GPRS data features on your account to activate it and must have EDGE technology on the network for this capability to be used on the HP iPAQ. If EDGE is not enabled, the HP iPAQ defaults to GPRS.

Your HP iPAQ phone has an automatic band-switching function that allows you to use your phone outside of your home country if a GSM network is present. This feature is built-in so there is no user setup or action required. However, your service plan must support international roaming. To verify that your service plan supports international roaming, contact your mobile phone service provider.

To learn more about GSM/GPRS/EDGE and how to manually configure your connection, refer to *Additional Product Information* located on the *Getting Started* CD.

Setting up an E-mail Account on an Exchange Server

You can synchronize directly with Exchange Server using a connection to a wireless network or a personal computer.

To set up e-mail on an Exchange server:

1. Tap **Start > Programs > ActiveSync.**

NOTE If a screen displays several messages, click on the link that reads **If your company supports synchronizing directly with its Exchange Server you can set up your device to synchronize with it**, you'll be led through a series of steps to synchronize your e-mail account with the Exchange Server. Otherwise, continue with the steps below.

2. Tap **Menu > Configuration Server.**
If you have not set up a synchronization server link, the following message is displayed: **Add Server Source.**
3. In the **Server address** box, enter the name of the server running Exchange 2003.
4. Select the **This server requires an encrypted (SSL) connection** check box if required by your IT department.
Most companies require this option, and if you do not check this box, you will be unable to sync with your company Exchange Server.
5. Tap **Next.**
6. Enter your name, password, and domain, and then tap **Next.**
7. Select the **Save password** text box if you want to enable automatic sync.
8. To change the rules for resolving synchronization conflicts, tap **Advanced.**
9. Select the check boxes for the types of information items that you want to synchronize with Exchange Server.
10. To change available synchronization settings, select the type of information and tap **Settings.**
11. Tap **Finish.**

You can set up your HP iPAQ to synchronize with Exchange Server over a wireless network or through a cable, cradle, infrared, or Bluetooth connection to a personal computer. You must have the following information to sync wirelessly: server name, user name, password, and domain name.

NOTE Synchronizing directly with Exchange Server is supported only on Windows Mobile-powered Pocket PC 2002 or later.
By clicking **Tools > Options**, you can determine whether an information type is synchronized with a personal computer or with Exchange Server.

Setting up a POP3, HTTP, or IMAP4 E-mail Account

To send and receive mail, you need to set up an e-mail account with an Internet Service Provider (ISP) or have an account that you access using a virtual private network (VPN) server connection (typically a work account).

Be sure you have the proper plan with your wireless service provider and your connections have been set up correctly.

To set up an e-mail account on your HP iPAQ:

1. Tap **Start > Messaging**.
2. Tap **Menu > Tools > New Account**.
3. Enter your e-mail address, and tap **Next**.

Auto configuration attempts to download necessary e-mail server settings so that you do not need to enter them manually.

4. Once Auto configuration has finished, tap **Next**.
5. Enter your name (the name you want displayed when you send e-mail) and your password.

If Auto configuration is successful, your user name is already entered and you can tap **Next**, then **Finish** to complete setting up your account, or tap **Options** to access additional settings. For example:

- Change the time intervals for downloading new messages
- Download attachments
- Limit the number of messages that are downloaded

If Auto configuration is unsuccessful, tap **Start > Help** and search on email.

NOTE You can set up several e-mail accounts in addition to your Outlook E-mail account.

You cannot add a new account while connected. Tap **Menu > Stop Send/Receive** to disconnect.

Downloading Messages and Attachments

To send and receive e-mail for an Outlook e-mail account, begin synchronization through ActiveSync.

If you have an Outlook e-mail account:

1. Tap **Start > Programs > ActiveSync**.
2. Tap **Menu > Options**.
3. Tap **E-mail > Settings**, then select **Include File Attachments**.

To send and receive e-mail messages accessed from an Internet Service Provider (ISP) e-mail account or a VPN server connection (typically a work account), download messages through a remote e-mail server.

An attachment sent with an e-mail message or downloaded from the server appears below the subject of the message. Tapping the attachment opens it if it was fully downloaded, or marks it for download the next time you send and receive e-mail. You can also download attachments automatically with your messages if you have an Outlook e-mail or IMAP4 e-mail account.

If you have an IMAP4 e-mail account with an ISP or a VPN server connection account:

1. Tap **Start > Messaging**.
2. Tap **Menu > Tools > Options**.
3. Tap the name of the IMAP4 account.
4. Tap **Next** until you reach **Server information**, and tap **Options**.
5. Tap **Next** twice, and select **Get full copy of messages** and **When getting full copy, get attachments**.
6. To store attachments on a storage card rather than on the device, tap **Menu > Tools > Options > Storage** tab, and select the **Store attachments on a storage card** check box.

NOTE Embedded images and objects cannot be received as attachments.

An embedded message can be viewed as an attachment when using IMAP4 to receive e-mail. However, this feature does not work if TNEF is enabled so that you can receive meeting requests.

Changing E-mail Download Options

Customize the following download options for each POP3, HTTP, or IMAP4 e-mail account that you have with an Internet Service Provider (ISP) or that you access using a VPN server connection (typically a work account).

You can choose:

- To download messages automatically.
- How much e-mail is downloaded.
- If and how attachments are downloaded (IMAP4 only).

1. In the message list, tap **Menu > Tools > Options**.
2. Select the e-mail account.
3. Tap **Next** until you reach **Server information**.
4. Tap **Options**.
5. Enter your changes on the next three screens, and tap **Finish**.

NOTE To send and receive messages automatically, tap **Connect** and check for messages and enter a time interval. Connecting automatically may result in higher connection charges.

To save memory, limit the number of e-mails that are downloaded to your device by lowering the number of days to display them.

Exchange Server

To change options for an Outlook E-mail account:

1. Tap **Start > ActiveSync**.
2. In ActiveSync on your HP iPAQ, tap **Menu > Options**.
3. Do one or both of the following:
 - Select the check box for any items you want to synchronize. If you cannot select a check box, you may have to clear the check box for the same information type elsewhere in the list.
 - Clear the check box for any items you want to stop synchronizing.
4. In the **Options** box, to stop synchronization with one computer completely, tap the computer name and tap **Delete**.
5. To change available synchronization settings, select the type of information and tap **Settings**.

Composing and Sending Outlook E-mail Messages

To compose and send a message:

1. From the **Today** screen, tap **Start > Messaging**. Outlook E-mail is displayed.
2. Tap **New**. An Outlook E-mail text box is displayed.
3. Enter the e-mail address or phone number of one or more recipients, separating them with a semicolon. To access addresses and phone numbers from Contacts, tap **To**.
4. Enter your message. To quickly add a canned message, tap **Menu > My Text** and tap a desired message.
5. To check spelling, tap **Menu > Spell Check**.
6. Tap **Send**. If you are working offline, your message is moved to the Outbox folder and will be sent the next time you connect.

NOTE Tap the **Inbox** drop-down arrow to access other Outlook folders such as Drafts, Outbox, and Sent Items.

Replying to or Forwarding an Outlook E-mail Message

To reply to or forward a message:

1. Tap on the message to open it, and then tap **Menu > Reply, Reply All, or Forward**.
2. Enter your response. To quickly add common messages, tap **Menu > My Text** and tap a desired message.
3. To check spelling, tap **Menu > Spell Check**.
4. Tap **Send**.

NOTE If you want to keep the original text with the outgoing message, tap **Menu > Tools > Options...** then tap the **Message** tab. You must check the **When replying to e-mail, include body** option.

Sorting the Message List

To sort the message list:

1. In the message list, tap the sort list (labeled **Received** by default) and select an option.
2. Select the option again to reverse the sort order (ascending and descending).

Wi-Fi

With wireless access¹, you do not need to use cables to connect your HP iPAQ to the Internet. Instead, access points transmit data to and from your wireless device. Your HP iPAQ can connect to an 802.11b WLAN or connect directly to other WLAN-enabled devices. With Wi-Fi, you can:

- Access the Internet
- Send and receive e-mail
- Access corporate network information
- Use virtual private networks (VPNs) for secure remote access
- Use hotspots for wireless connectivity

Turning Wi-Fi On or Off

To turn Wi-Fi on or off:

1. From the **Today** screen, tap the **iPAQ Wireless** icon .
2. Tap the **Wi-Fi** tab on the **iPAQ Wireless** screen.

When Wi-Fi is on:

- The **Wi-Fi** icon on the **iPAQ Wireless** screen turns from gray (off) to amber (on) and then to green (connected).¹
- Wi-Fi light-emitting diode (LED), located on the top left corner of the device, flashing blue indicating Wi-Fi is on.

NOTE Even though the indicator is blue to indicate Wi-Fi is turned on, it does not necessarily mean a connection has been established with another device or access point.

Turn Wi-Fi off when you are not using it by tapping the **Wi-Fi** icon again.

When **Wi-Fi** is off, the **Wi-Fi** icon turns from amber to gray, and the blue LED turns off.

Searching for Wi-Fi Networks to Access

Networks you have already configured are preferred networks. You can choose whether to connect only to preferred networks or to have your HP iPAQ search for and connect to any available network (preferred or not).

1. From the **Today** screen, tap the **iPAQ Wireless** icon.
2. Tap the **Wi-Fi** icon to turn on Wi-Fi.
3. Tap the **Wi-Fi** tab > **View Wi-Fi Networks** tab.
4. In the **Networks to access** box, tap the type of network you want to connect to (**All Available**, **Only access points**, or **Only computer-to-computer**).
5. To connect only to networks that have already been configured, clear the **Automatically connect to non-preferred networks** checkbox.

NOTE If you check the **Automatically connect to non-preferred networks** checkbox, your HP iPAQ detects any new networks and provides you the opportunity to configure them.

Configuring Network Security Settings

A wireless network can be added when the network is automatically detected. Or, you can manually enter the settings information to add the network. To determine if authentication information is needed, check with your Network Administrator or Hotspot Service Provider.

1. Tap **Start >Settings > Connections** tab > **iPAQ Wireless** icon.
2. Tap the **Wi-Fi** tab.
3. Turn on Wi-Fi by tapping the **Wi-Fi** icon.
4. Tap the **View Wi-Fi Networks** link to choose an available network.
5. In **Configure Wireless Networks**, select the network you want to configure.
6. To use authentication, tap the **Network Key** tab and select the authentication method from the **Authentication** list.
7. To use data encryption, select an encryption method from the **Data encryption** list.
8. To automatically use a network key, tap **The key is automatically provided**. Otherwise, enter the network key manually.

Bluetooth

Your HP iPAQ comes with built-in Bluetooth which is a short-range wireless communications technology. Devices with Bluetooth capabilities can exchange information over a distance of about 30 feet (10 meters) without requiring a physical connection.¹

NOTE Bluetooth technology is not available on all models.

You can use Bluetooth to:

- Transfer information, such as files, appointments, tasks, and contact cards, between devices that have Bluetooth capabilities.
- Print your data to a Bluetooth-designated printer.
- Use a Bluetooth service. Once you connect to another device or computer using Bluetooth, you can locate and use any of the services available on that device.

HINT Your HP iPAQ may include additional Bluetooth features.

For more details, refer to *Additional Product Information* located on the *Getting Started*.

Turning Bluetooth On or Off

To turn on Bluetooth:

1. From the **Today** screen, tap the **iPAQ Wireless** icon.
(You can also tap the **Bluetooth** icon on the **Today** screen.)
2. On the **iPAQ Wireless** screen, tap the **Bluetooth** icon.

When Bluetooth is turned on, the **Bluetooth** LED on the front of your HP iPAQ flashes blue.¹

To turn off Bluetooth, tap the **Bluetooth** icon again. When Bluetooth is turned off, the Bluetooth LED turns off and no incoming or outgoing Bluetooth connections are possible.

HINT To save battery power, turn Bluetooth off when you are not using it.

Connecting to a Bluetooth Headset

You can use a Bluetooth headset (or other Bluetooth hands-free device) with your HP iPAQ when you create a partnership between them.

1. Make sure that the two devices are turned on, discoverable, and within close range.

2. Tap **Start > Settings > Connections** tab.
3. Tap **Bluetooth > Bluetooth Manager > New**.
4. Tap **Hands-free/Headset** setup then tap **Next**.
5. After your HP iPAQ searches for headsets, select your headset from the list and tap **Next**.

For more details, refer to the *Additional Product Information* located on the *Getting Started* CD.

Accessing Calendar

Use Calendar to schedule appointments, meetings, and other events.

You can display appointments on the **Today** screen. If you use Outlook on your personal computer, you can synchronize appointments between your HP iPAQ and computer. You can also set Calendar to remind you of appointments with a sound or flashing LED.

You can look at your appointments in various views (Day, Week, Month, and Agenda). To see detailed appointment information in any view, tap the appointment. You can also change the Calendar view.

For easy access to your calendar, tap **Calendar** on the bottom-left of the screen. You can also access your calendar by tapping **Start > Calendar**.

For more details, refer to *Additional Product Information* located on the *Getting Started* CD.

Viewing Today's Agenda

1. Tap **Start > Calendar**.
2. Tap **Menu > View > Agenda**.

HINT To quickly view today's agenda, on the **Today** screen, tap one of your upcoming appointments.

Viewing Appointments

To view an appointment on your calendar:

1. Tap **Start > Calendar**.
2. Tap the appointment to view.

To view your appointments for the week:

1. Tap **Start > Calendar**.

2. Tap **Menu > View > Week**.

NOTE You can also view your appointments for the month or year by tapping the appropriate selection.

Scheduling an Appointment

1. Tap **Start > Calendar**.
2. Tap **Menu > New Appointment**.
3. Enter a name for the appointment and information such as start and end times.
To schedule an all-day event, in the **All Day** box, tap **Yes**.
4. When finished, tap **OK** to return to the calendar.

NOTE All-day events do not occupy blocks of time in Calendar; instead, they appear in banners at the top of the calendar.

To cancel an appointment, tap the appointment and tap **Menu > Delete**.

To have the time entered automatically in Day view, tap the time slot for the new appointment, and tap **Menu > New Appointment**.

If you cannot see an appointment, be sure the appointment you created is in the selected category.

For more details, refer to *Additional Product Information* located on the *Getting Started* CD.

Sending a Meeting Request

Use Calendar to schedule meetings via e-mail with contacts who use Outlook or Outlook Mobile.

To send a meeting request:

1. Tap **Start > Calendar**.
2. Schedule a new appointment or open an existing one and tap **Edit**.
3. Tap **Attendees**.
4. Tap the name of the contact you want to invite.
5. To invite additional attendees, tap **Add** and then tap the name.

6. Tap **OK**.

The meeting request is sent to the attendees the next time you synchronize your HP iPAQ.

When attendees accept your meeting request, the meeting is automatically added to their calendars. When their response is sent back to you, your calendar is also updated.

Accessing Contacts

Use Contacts to:

- Store phone numbers, e-mail addresses, home addresses, and any other information that relate to a contact, such as a birthday or an anniversary date.
- Add a picture or assign a ring tone to a contact.
- Quickly communicate with people.

For easy access to your contacts, tap the **Contacts** softkey on the bottom-left of the screen or tap **Start > Programs > Contacts**.

Tap a contact in the list for a summary of contact information.

If you use Outlook on your computer, you can synchronize contacts between your HP iPAQ and your personal computer.

For more details, refer to *Additional Product Information* located on the *Getting Started* CD.

Creating a Contact

1. Tap **Start > Programs > Contacts**.
2. Tap **New** and enter the contact information.
3. When finished, tap **OK**.

NOTE If your contact list has been filtered by a category when you create a contact, that category is automatically assigned to the new contact.

To include a nickname, title, and more, while creating a contact, tap the **Name** arrow.

If most of the contacts you create have phone numbers that begin with the same area code, in the Contacts, tap **Menu > Options** and enter that area code in the **Area code** box.

If someone who isn't in your list of contacts calls you or sends you a message, you can create a contact from **Call History**.

To get more information about creating contacts, tap **Start > Help** on your HP iPAQ.

Finding a Contact

To find a contact on a long list:

1. Tap **Start > Programs > Contacts**.
2. If you are not in **Name** view, tap **Menu > View By > Name**.
3. Do one of the following:
 - Begin entering a name or phone number in the provided text box until the contact you want is displayed. To show all contacts again, tap the text box and clear the text, or tap the arrow to the right of the text box.
 - Use the alphabetical index displayed at the top of the contact list. Tap the tab that corresponds to the first letter of the contact's name.
 - Filter the list by categories. In the contact list, tap **Menu > Filter**. Then tap a category you've assigned to a contact. To show all contacts, select **All Contacts**.

NOTE To search for a contact by entering a name or phone number, or by using the alphabetical index, you must be in **Name** view.

Creating a Task

You can easily create to-do tasks in the Task list.

1. Tap **Start > Programs > Tasks**.
2. Tap **New**, enter a subject for the task, and fill in information such as start and due dates.
3. When finished, tap **OK**.

For more details, refer to *Additional Product Information* located on the *Getting Started* CD.

Locating a Task

When your list of tasks is long, you can display a subset of the tasks or sort the list to quickly find a specific task.

1. Tap **Start > Programs > Tasks**.
2. In the task list, do one of the following:
 - Sort the list. Tap **Menu > Sort by**, and tap a sort option.
 - Filter the list by category. Tap **Menu > Filter**, and tap the category you want displayed.

Using Modem Link

You can use your HP iPAQ as a wireless modem. The Modem Link software is preinstalled on your HP iPAQ and guides you during the installation process. If you have not done so, install a GPRS-enabled SIM into your HP iPAQ before setting up Modem Link. (You will also need to install the software drivers that are located on the Getting Started CD on to your personal computer.)

Before you can begin using Modem Link, be sure you have a cellular connection. If you do not have a connection, the Modem Link application cannot be launched.

To activate the Modem Link connection and connect to the Internet:

1. Tap **Start > Programs > Modem Link**.

NOTE When using Modem Link for the first time, a message is displayed "ActiveSync will not work properly." Select **OK** to continue. During setup, this message is initially displayed.

2. In the **Connection:** drop-down box, tap **USB**.
3. If there is no name in the **Access point name:** drop-down box, run Phone Data Manger.
Depending on the GPRS-enabled SIM, your HP iPAQ should automatically set an Access point name.
4. Tap the **Activate** touchpad at the bottom left of the screen.
5. Place your HP iPAQ in the cradle.
The **Found New Hardware** wizard message appears on your personal computer screen, recognizing your new hardware.
6. Insert the **Getting Started** CD to install the USB modem driver for personal computer.

7. Select **Install from a list or specific location**, and then select **Next**.
8. Browse for location of the *modem link.inf* file on the *Getting Started* CD.
When the file is found, select it.
A message displays "This is an unassigned or unverified driver. Click **Continue Anyway** on your personal computer.
9. Select **Next** to install the driver, and then select **Finish**.
10. Create a new modem connection on your personal computer.
11. Select **To connect to the Internet**, and then **Next**.
12. Select **To set up manually**, and then **Next**.
13. Select **Connect using a dial up modem**, and then select **Next**.
Use ***99#** for the phone number.
14. Select the default settings for the remaining setup options.
When the connection is established, click **Connect** or **OK**. If you are using your HP iPAQ as a wireless modem, you do not need to enter a username or password.

To start using Modem Link:

1. Tap **Start > Accessories > Modem Link**.
2. Tap **menu > Activate**.
3. When finished, tap **Done**.

NOTE Before setting up a serial port modem, an infrared, or USB connection, be sure your HP iPAQ is not connected to another device.

To set up a serial port modem, an infrared, or USB modem connection:

1. Tap **Start > Programs > Modem Link**.
2. Tap **Activate**. (You should be using the USB drive for your connection.)
3. Connect your HP iPAQ to the cradle, and then to your personal computer.

Deactivate Modem Link on your HP iPAQ. Select **Deactivate** on the display screen, and then remove the device from its cradle. Then reconnect it to the cradle.


NOTE When you are not using Modem Link, be sure to deactivate it. If not, you will have problems using ActiveSync in the same session.

Digital Imaging Features

The built-in HP Photosmart Camera allows you to turn your HP iPAQ into a mobile digital-imaging center. You can share images through e-mail or the Internet, print from your HP iPAQ using Bluetooth, or transfer files to your HP iPAQ for storage. To take advantage of all built-in camera features, you must ensure that appropriate software is loaded on your desktop computer. The software programs described below are included on your HP iPAQ or the *Getting Started* CD.



NOTE The built-in HP Photosmart Camera is available only in select HP iPAQ models.


HP Photosmart Camera Software	Function
HP Photosmart Camera	Take digital photos and video with your HP iPAQ's Camera.
HP Photosmart Mobile	Display individual photos and run slideshows on your HP iPAQ. Also print, send, record sounds, and e-mail photos directly from your HP iPAQ to share with friends and family.
HP Image Transfer	Transfer photos from the HP iPAQ to your personal computer. You must install this software on your personal computer before you can use it. This software is included on the <i>Getting Started</i> CD.
HP Photosmart Premier	View, organize, share, and print photos on your personal computer. For more information about HP Photosmart Premier, refer to the <i>Getting Started</i> CD.

With your built-in HP Photosmart Camera, you can configure image quality, video, self-timer, file store, AE metering, and camera sound settings. From the **Start** menu, tap **Programs > Photosmart Camera**. Then tap the  button for these settings.

Taking a Photo

To take a photo:

1. From the **Start** menu, tap **Programs > Photosmart Camera**.
2. Locate the camera lens on the back of the HP iPAQ and frame the subject in the digital viewfinder located on the HP iPAQ screen.
3. Tap the  icon on the screen to zoom in on the subject, or tap the  icon to zoom out.


4. Make sure that both you and your subject do not move to ensure a clear photo.
5. Do one of the following:
 - Press the **Shutter** button on the left side of the HP iPAQ.
 - Tap the **Shutter** button  on the screen to take a photo.
 - Press down on the middle of the **5-Way Navigation** button.

Immediately after capturing an image, a preview of the photo appears so you can decide to either discard, send, or save the image.

- To discard the photo, tap the **Trash** button on the screen while the preview image displays.
- To send the photo via Multimedia Messaging Service (MMS), E-mail attachment, Bluetooth, or Infrared:
 - a. Tap the **Send** button on the screen.
 - b. Select the **Reduce sent photo size to** check box.
 - c. Follow the on-screen instructions.

NOTE Before sending photos, reduce the size for an easier file transfer. If you choose to e-mail the photo, the attached image appears at the bottom of the e-mail message.

IMPORTANT If you cannot view or hear the media file to be e-mailed, the file may be protected by Digital Rights Management (DRM). DRM is software that enables secure distribution and prevents illegal distribution of photos, videos, music, movies, and ring tones over the Internet. For more information on DRM, refer to the on-screen Help by tapping **Start > Help** and search on DRM




- To save an image, tap **OK** or wait for the preview to disappear from the screen and the camera application to return to the digital viewfinder. To exit, tap  button.

To get more details, refer to the *Additional Product Information* located on the *Getting Started* CD.


Viewing Photos

To view photos using HP Photosmart Mobile:

1. Tap **Start > Programs > Photosmart Mobile**.
2. Tap the thumbnail (a smaller representation of the larger photo) then tap **View**.
HP Photosmart Mobile displays the photo and the file information associated with it.
3. Tap **Browse** to view other thumbnail images or tap the Arrow symbols to scroll through the photos one at a time.

NOTE Tap the zoom icon  at the bottom of the screen to view the photo full-screen. Tap the zoom-in icon  to view a close-up of the photo. Use the zoom-out icon  to return the photo to normal.





To view photos in a different folder:

1. While in the HP Photosmart Mobile program, tap the file folder icon  at the bottom of the screen.
2. Tap a different folder where photos reside.
3. Tap **OK**.

HP Photosmart Mobile displays the photos from the selected folder.

Taking a Video Clip

To take a video clip:

1. Tap **Start > Programs > Photosmart Camera**.
2. Locate the camera lens on the back of the HP iPAQ and frame the subject to be photographed in the digital viewfinder located on the HP iPAQ screen.
3. To begin filming the video clip:
 - Tap the **Video** icon  on the screen.
 - Press the **Shutter** button on the left side of the HP iPAQ or tap the **Shutter** button  on the screen.
4. After creating the film, you can:
 - End the video clip, tap or press the **Shutter** icon on the screen again.
 - View the video clip, tap the **Play** icon .
 - Stop the video clip, tap the **Stop** icon .

- Exit the video clip and camera application, tap the **Close** icon (X).

Taking a Photo with GPS Information Attached

To attach a GPS location to photos as you capture them:

1. Tap **Programs > Photosmart Camera**.
2. Tap the **GPS** button (GPS icon) to turn on the GPS feature.
3. Start taking photos as usual.

Whenever the HP Photosmart Camera is launched, the GPS feature can take a few minutes to obtain a location fix. The GPS feature displays on-screen indicators in the following ways:

Indicator	Status
No fix (White text)	No location information is available (Images will not be tagged with the GPS location.)
Fix (Green text)	Location information is available (Images will be tagged with the GPS location.)
Lost fix (Yellow text)	Location information was available but is no longer current. Your images will be tagged with the last available location.)


The GPS feature relies on information from satellites to obtain a location fix. It works best when your HP iPAQ has a clear view of the sky. If the sky is obstructed by trees, tall buildings, structures or bad weather, it may be difficult to obtain a location fix. It is quite difficult to obtain a location fix indoors.

To take indoor photos with location information, obtain a fix outdoors. Be sure to keep the camera application open, and then take the photos indoors. Your images are stamped with the last known location that you obtained earlier.

Using MapQuest to Look Up a GPS-Tagged Image

Use HP Photosmart Mobile and MapQuest to "look up" the location of your tagged images. To "look up" your images:

1. Connect to the Internet.
2. Tap **Start > Programs > Photosmart Mobile**.
3. In the **Browse** mode, select a tagged-GPS .jpg image.
4. Tap **Menu > Tools > Look up on Mapquest**.
The location where the photo was taken appears on a map.

5. When you are finished viewing the map, tap .

When .jpg thumbnail images are embedded with GPS information, the **GPS** icon appears on them. (Only .jpg images can be tagged with GPS information.)

Protecting the HP iPAQ Screen from Cracking or Damage

△ **CAUTION** The screen of your HP iPAQ is made of glass and can be damaged or broken by drops, impacts, or pressure.

To reduce the risk of damage to the internal components, do not spray liquid directly on the screen, or allow excess liquid to drip inside your HP iPAQ. Using soap or other cleaning products on the screen might discolor the finish and damage it.

- HP is not responsible for damage that occurs as a result of your failure to follow the instructions that came with the HP branded product. Refer to the warranty document included with your HP iPAQ for more information.
- You should observe the following practices to protect the screen of your HP iPAQ from damage:
 - Do not sit on your HP iPAQ.
 - When transporting your HP iPAQ in a purse, pocket, briefcase, etc., ensure the device does not get compressed, bent, dropped, or hit.
 - When not in use, close the flip cover on your HP iPAQ and store it in a case. You can select from a wide variety of case options at www.hp.com/accessories/ipaq or www.casesonline.com.
- Do not place anything on top of your HP iPAQ.
- Do not bang your HP iPAQ against hard objects.
- Never use any device other than the stylus that comes with the HP iPAQ or an approved replacement to tap or write on the screen. If you lose or break your stylus, you can order extras at www.hp.com/accessories/ipaq.
- Clean your HP iPAQ by wiping the screen and the exterior with a soft, damp cloth lightly moistened only with water.

Obtaining Services for a Cracked or Damaged Screen

IMPORTANT HP is not responsible for damage that occurs as a result of your failure to follow the instructions that came with the HP branded product. Refer to the warranty document included with your HP iPAQ for more information.

If you have a nonwarranty event occur such as a damaged or cracked screen and want your device repaired, contact HP Customer Support at www.hp.com for service. However, contacting HP customer service on a nonwarranty event will result in a charge for the repair.

Additional Guidelines for Using Your HP iPAQ

- Back up your information.
- Take a copy of your backup with you on a memory card.
- Disconnect all external devices.
- Take the AC Adapter and Charger Adapter with you.
- Keep your device in a protective case and keep it in your carry-on luggage.
- For air travel, be sure to turn off the Phone, Bluetooth, and Wi-Fi. To turn off all wireless features, from the **Today** screen, tap the **iPAQ Wireless** icon.
- If you are traveling internationally, be sure you have the plug adapter appropriate for the country you are visiting.

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